## FUGZAN, M.D., kand.tekhn.nauk

Using chutes with chain gates for laoding lump ore. Gor. zhur. no.9:34-36 3 '61. (MIRA 16:7)

1. Institut gornogo dela im. A.A.Skochinskogo, Moskva.
(Ore handling-Equipment and supplies)

FUGZAN, M.D., kand.tekhn.nauk; VORONKOV, N.A., kand.tekhn.nauk

Change in the size of ore in systems with large-scale blasting. Vzry. delo no.50/7:157-161 '62. (MIRA 15:9)

1. Kol'skiy filial AN SSSR imeni S.M. Kirova. (Blasting) (Mining engineering)

FUGZAN, M. D., kand. tekhn. nauk

Effect of partial drawing from the face zone on the output of large-size pieces of ore in breaking "under compression." Gor. zhur. no.11:25-30 N '62. (MIRA 15:10)

1. Institut gornogo dela imeni Skochinskogo.

(Blasting)

BARON, Lazar' Israilevich, prof., doktor tekhn. nauk; FUGZAN, Mark Davidovich; MARKENZON, Eduard Iosifovich; KRASIKOV, V.M., red.izd-va; VINOGRADOVA, N.F., tekhn. red.

[Experience in the comprehensive study of the resistance of rocks to distruction by quarrying] Opyt kompleksnogo issledovaniia soprotivliaemosti gornykh porod razrusheniiu pri dobyvanii. Moskva, Izd-vo AN SSSR, 1963. 223 p.

(MIRA 17:3)

AGOSHKOV, M.I.; FUCZAN, M.D., kand. tekhn. nauk

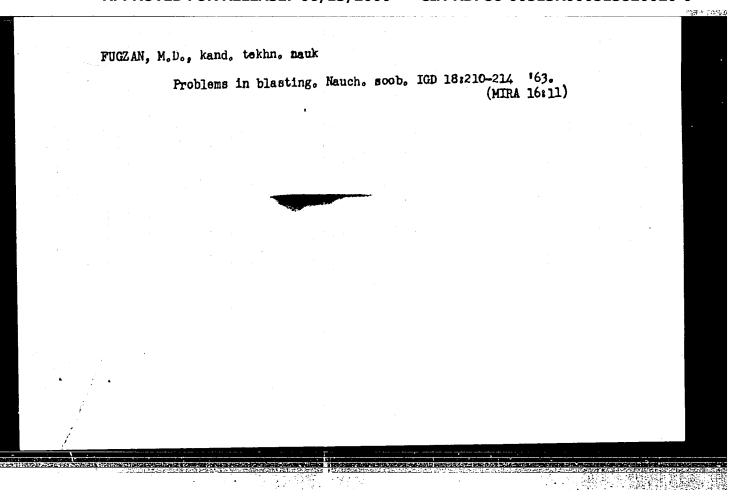
Mechanization of technological processes is the basis for improving mining systems. Gor. zhur. no.7:3-8 J1 '63. (MIRA 16:8)

1. Chlen-korrespondent AN SSSR (for Agoshkov).

FUGZAN, M.D., kand. tekhm. nauk

Classification of one-stage working of thick ore deposits
with caving of ore and enclosing rocks. Nauch. soob. IGD 18:
88-99 163. (MIRA 16:11)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820020-0"



FUGZAN, Mark Davydovich; BRONNIKOV, D.M., doktor tekhn. nauk, retsenzent; KOVALEV, I.A., kand. tekhn.nauk, otv. red.; SMIRENSKIY, M.M., red.

[Practice of single-stage mining of thick ore deposits with large-scale breaking down] Opyt odnostadiinoi razrabotki moshchnykh rudnykh mestorozhdenii s kassovoi otboikoi. Moskva, Izd-vo "Nedra," 1964. 130 p. (NIRA 17:7)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820020-0"

FUGZAN, M.D., kand. tekhm. nauk; SADOVSKIY, G.I., kand. tekhn. nauk; ZHMURKO, P.T., gornyy inzh.; FILIPPENKOV, A.I., gornyy inzh.; KOREN'KOV, E.N., gornyy inzh.; SHABLYGIN, A.I., kand. tekhn. nauk

Searching for optimal parameters of the induced block caving system at the "Zapoliarnyy" mine. Gor. zhur. no.6:19-24 Je '65. (MIRA 18:7)

FUGZAN, M.D.; YAKOVLEV, O.A.

Selecting an efficient way of ore drawing during the ringlestage working of thick ore deposits. Gor. zhur. no.10:45-49 0 165. (MIRA 18:11)

1. Institut gornogo dela im. A.A. Skochinskogo.

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820020-0"

FUHH, I.E. (Bucuresti); HIRSU, M. (Bucuresti)

Lacerta praticola pontica Lantz and Cyren, a new lizard for the Dobruja perpetologic fauna. Natura Biologic 14 no.5:39-41 S-0 '62.

VINTILA, I., Dr. FURN. I.E., Michelant, VINTILL, Februaria, Dr., and POPESCU, Virginia, Dr [affiliation not given]

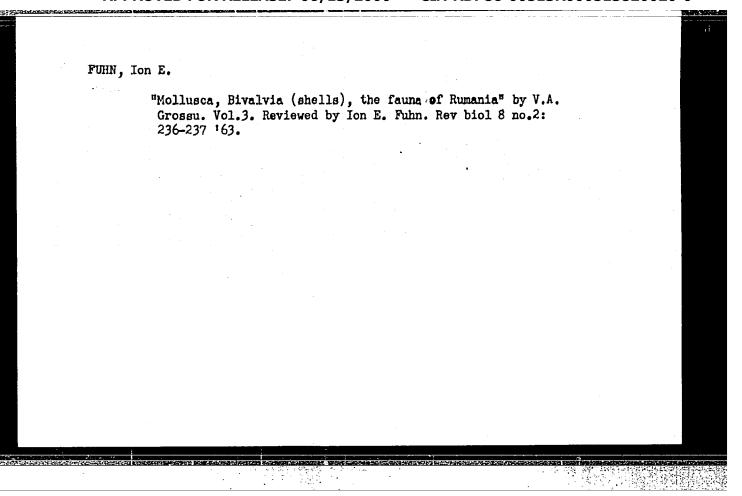
"Poisonous Spiders in the Fauna of Rumania: Latrodectus tredecimguttatus."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 8, No 3, May-Jun 63, pp 231-236.

Abstract [Authors' English summary modified]: Reports a case of araneism following the bite of a Latrodectus tredeciment-tatus. The clinical picture corresponded to that described in the literature, and the diagnosis was confirmed by examination of the spider performed by the Institute of Biology of the RPR Academy. It is the first clinical case of this poisoning reported in Rumania and the first time this spider was identified in the country's fauna. Includes 1 figure and 1 Russian and 1 Rumanian reference.

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DIMANTA



NICULESCU, Floriana; FUHN, Ion E.

Research on the food of the Rana r. ridibunda Pallas frog. Studii biol agr Iasi 14 no.1:193-211 '63.

# The Carpathian triton (Triturus montandoni Boulenger) in the Fagaras Mountains. Natura Biologie 15 no.1:78-79 Ja-F '63.

# FUHN, I.E. (Bucuresti)

"Natural parthenogenesis in the Lacerta saxicola polymorphic group" by I.S.Darewski, W.N.Kulikowa. Reviewed by I.E.Fuhn. Natura Biologie 15 no.5:94-95 S-0:63.

FUHN, J.; VANCEA, S.

Contributions to the systematization and ecology of Lacertidae of Rumania. II. Forest green lizard, Lacerta viridis viridis Laurentus. In Rrench. p. 61.

ANALELE STIINTIFICE. SACTIUNEA II: STIINTE NATURALE. Iasi. Rumania. Vol. 5, no. 1, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 1, January 1960.

Uncl.

FUHN, I.

Mediterranean varieties of land turtles in Romania; Testudo graeca ibera Pallas, Testudo hermanni hermanni Gmelin. p. 178. (Ocrotirea Naturil, No. 2, 1956, Bucuresti, Romania)

SO: Monthly List of East European Accessions (MEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

FUHN, I.

Are ichthyophagous birds harmful to the fish economy? p. 185. (Ocrotirea Maturil, No. 2, 1956, Bucuresti, Rumania)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

RUMANIA/Human and Animal Morphology - Normal and Pathological. Anomalies of Development and Pathological Anatomy

: Ref Zhur Biol., No 11, 1958, 50436 Abs Jour

: Marinescu, G., Sarateanu, D., Fuhrer, B., Dragmescu, Author

N., Samuel, I., Ionescu, M., Cojocaru, V.

Rumanian Academy Inst

: Pathomorphological Picture of Experimental Influenza in Title

Suckling Mice

Studii si cercetari inframicrobiol., microbiol. si para-Orig Pub

zitol. Acad. RPR, 1956, 7, No 1-2, 77-92

The experimental animals (60 suckling mice, 70 adult mice, Abstract

48 suckling rats and 49 adult rats) were infected either with the virus of influenza A or with the same virus and and pathogenic bacteria (Hemophilus influenzae, pneumococ-

cus, staphylococcus). The virus of influenza caused a

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- 53 -

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Anomalies of Development and Pathological Anatomy

Abs Jour : Ref Zhur Biol., No 11, 1958, 50436

> more acute form of disease in sucklings than in adult animals. This was expressed by more rapid development of infection, greater lethality and more marked morpholigical changes. When other microorganisms were added, especially H. influenzae, a more severe anatomicoclinical picture of disease developed; in many cases, sepsis occurred. In view of the appearance of multiple affections in the infected animals, the authors assume the existence in the virus of influenza, apart from tropism to the epithelium of the respiratory organs and endothelium of the capillaries, also of other kinds of tropism (neuro-, hepato-, lympho-, myocardiotropism, etc.).

-- N. Mastyukova

NICOIAU, St.S.: DEAGANESCO, N.; NICOIAU, Cl.S.; JUHRER, B.; GIRD, E.;
IONESCO, N.I.

A new type of anti-rabies vaccine; investigations into the migration of the vaccine virus in the animal organiam by means of radioactive substances. Acta virol, Engl. Ed.; Praha 3(Supplem.): 91-96-1959.

1. Institute of Inframicrobiology, Academy of the Rumanian People's Republic, Bucharest.

(RABIES, immunology)

# The action of herpes virus on Grooker's mouse sarcoma. Stud. cercet. inframicrobiol., Bucur. 10 no.2:173-178 '59. 1. Comunicare prezentata la Institutul de inframicrobiologie al R.P.R., in sedinta din 7 iulie 1958. (HERPES, virus) (SARCOMA, experimental)

SARATEANU, D.; NASTAC, E.; FUHRER, B.; OPRESCU, E.; HUNG, T.

Research on ornithosis virus infection in the Rumanian People's Republic. Stud. cercet. inframicrobiol., Bucur. 11 no.1:73-88 '60.

(ORNITHOSIS epidemiology)

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Research on the action of several viruses on various experimental tumors. Stud. cercet. inframicrobiol., Bucur. 11 no.1:89-105 '60.	
1. Commicare prezentata la Institutul de inframicrobiologie al Academiei R.P.R. in Sesiumea stiintifica festiva din 17-18 august, 1959. (NEOPLASMS, experimental) (VIRUSES)	
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NASTAC, E.; SAMUEL, I.; FUHRER-ANAGNOSTE, B.

Cultivation of mouse Ehrlich ascites carcinoma in chick embryo. Stud. cercet. inframicrobiol.. Bucur. 11 no.2:257-261 '60.

1. Comunicare presentata la Institutul de inframicrobiologie al Academiei R.P.R. in sedinta din 2 noiembrie 1959.

(NEOPIASMS exper.)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820020-0"

NASTAC, E.; FUHRER\_ANAGNOSTE, B.

The results of the investigations of the Institute of Inframicrobiology in the field of oncolysis produced by viruses. Stud. cercet. inframicrobiol. 12:107-117 '61.

(NEOPLASES experimental) (VIRUSES)

NASTAC, E.; FUHRER-ANAGNOSTE, B.; SARATEANU, D.

Action of certain viruses upon Ehrlich's ascitic carcinoma in mice. III. Viruses of swine plague, fowl pox, and sheep pox. Studii cerc inframicrobiol Special issue-supplement to 12:275-278 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. 2. Membru al Comitetului de redactie, "Studii si cercetari de inframicrobiologie" (for Sarateanu).

(VIRUS DISEASES) (TUMORS)

NICOLAU, St. S., acad.; SARATEANU, D.; NASTAC, E.; OPRESCU, E.; FUHRER-ANAGNOSTE, B.; HUAI, C. T.

Active antiornithotic immunization in white mice. Studii cerc inframicrobiol Special issue-supplement to 12:315-322 161.

1. Institutul de inframicrobiologie al Academiei R.P.R. 2. Membru al Comitetului de redactie si redactor responsabil, "Studii si cercetari de inframicrobiologie" (for St. S. Nicolau) 3. Membru al Comitetului de redactie, "Studii si cercetari de inframicrobiologie" (for Sarateanu).

(ORNITHOSIS) (IMMUNITY)

SARATEANU, D.; SURDAN, C.; SORODOC, G.; FUHRER-ANAGNOSTE, B.; ROMAN, Al. DUMA, D.; MARTA, M.

Identification of a virus of the pararickettsia group, and its isolation from the calves stricken with enzootic bronchopneumonia. Studii cerc inframicrobiol Special issue—supplement to 12:323-328 161.

1. Institutul de inframicrobiologie al Academiei R.P.R. (for Sarateamu, Surdan, Sorodoc, and Fuhrer-Anagnoste). 2. G.A.S. (Gospodarie Agricola de Stat) Rosia (for Roman). 3. Laboratorul regional veterinar Oradea (for Duma and Marta). 4. Membru al Comitetului de redactie, "Studii si cercetari de inframicrobiologie" (for Sarateamu).

(VETERINARY MEDICINE) (PNEUMONIA) (RICKETTSIAL DISEASES)

SARATEANU, D.; SORODOC, G.; FUHRER-ANAGNOSTE, B.; SURDAN, C.; NASTAC, E.; LISSIEVICI-OPRESCU, E.; DUMA, D.; MARTA, M.; ROMAN, Al.

Serologic studies on the incidence rate of ornithotic antibodies in some mammals. Studii cerc inframicrobiol Special issue-supplement to 12:329-334 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. (for Sarateami, Sorodoc, Fuhrer-Anagnoste, Surdan, Nastac, and Lissievici-Oprescu).

2. Laboratorul regional veterinar Oradea (for Duma and Marta). 3. G.A.S. (Gospodarie Agricola de Stat) Rosia (for Roman). 4. Membru al Comitetului de redactie, "Studii si cercetari de inframicrobiologie" (for Sarateanu).

(ORNITHOSIS) (ANTIGENS AND ANTIBODIES)

SARATEANU, D.; SURDAN, C.; SOBODOC, G.; FUHRER-ANAGNOSTE, B.; in colaborare cu DUMA, D.; MARTA, M.; CUPSA, V.

Investigations of an ornithosis epizootic in canaries connected with human cases. Stud. cercet. inframicrobiol. 12 no.3:347-351 '61.

1. Communicare przentata la Institutul de infromicrobiologie al Academiei R.P.R. in sedinta din 5 mat 1961.

(ORNITHOSIS epidemiology)

SARATEANU, D.; NASTAC, E.; FUHRER-ANAGNOSTE, B.; SORODOC, G.; SURDAN, C.; LISSIEVICI-OPRESCU, E.; SUTEU, V., asistent tehnic; ANENCOV, L., asistent tehnic

Incidence rate of ornithotic antibodies in men working in the zootechnical field. Studii cerc inframicrobiol Special issue-supplement to 12:365-371 '61.

1. Institutul de inframicrobiologie al Academiei R.P.R. 2. Membru al Comitetului de redactie, "Studii si cercetari de inframicrobiologie" (for Sarateamu).

(ANTIGENS AND ANTIBODIES) (ORNITHOSIS)
(OCCUPATIONAL DISEASES)

SURDAN, C.; SARATEANU, D.; SORODOC, G.; FUHRER-ANAGNOSTE, B.; ANENCOV, E., assistent tehnic

Isolation of a virus of the pararickettsia group from the enzootic granulous vulvovaginitis in cattle. Studii cerc inframicrobiol Special issue-supplement to 12:373-379 161.

1. Institutul de inframicrobiologie al Academiei R.P.R. 2. Membru al Comitetului de redactie, "Studii si cercetari de inframicrobiologie" (for Sarateamu).

(VIRUSES) (RICKETTSIAL DISEASES) (VAGINITIS IN CATTLE)

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NASTAC. E.; FUHRER-ANAGNOSTE, B.; SARATEANU, D.

Investigations concerning the action of certain viruses on Ehrlich ascitic carcinoma in mice. III. The action of swine pest, fowl pex and sheep pex viruses. Rev. sci. med. 6 no.1/2:77-79 161.

(NEOPLASMS experimental) (VIRUSES)

NICOLAU, St. S.; SARATEANU, D.; NASTAC, E.; OPRESCU, E.; FUHRER-ANAGNOSTE, B.p. HUAI, C. T.

A study on active antiornithosis immunization in the white mouse. Rev. sci. med. 6 no.1/2:81-84 '61.

1. Member of the Academy of the R.P.R. (for Nicolau).

(ORNITHOSIS immunology)

SARATEANU, D.; SURDAN, C.; SORODOC, G.; FUHRER-ANAGNOSTE, B.

Investigations on the isolation and identification of a virus of the pararickettsial group from calves with enzoetic brenche-pneumonia. Rev. sci. med. 6 no.1/2:101-104 \*61.

(ERONCHOPNEUMONIA veterinary) (RICKETTSIAL DISEASES veterinary)

SARATEANU, D.; NASTAC, E.; FUHRER-ANAGNOSTE, B.; SORODOC, G.; SURDAN, C.; LISSIEVICI-OPRESCU, E.

Incidence of anti-ornithosis antibodies in workers of the zootechnical department. Rev. sci. med. 6 no.1/2:105-108 61.

(ORNITHOSIS immunology) (OCCUPATIONAL DISEASES)

SARATEANU, D.; SORODOC, G.; FUHRER-ANAGNOSTE, B.; SURDAN, C.; NASTAC, E.;
LISSIEVICI-OPRESCU, E.; unter Mitarbein von DUMA, D.; MARTA, M.;
ROMAN, Al.

Serological investigations of the presence of anti-ornithosis anti-bodies in some mammals. Rev. sci. med. 6 no.1/2:109-112 

(ORNITHOSIS immunology)
(CATTLE diseases)
(SHEEP diseases)

SURDAN, C.; SARATEANU, D.; SORODOC, G.; FUHRER-ANAGNOSTE, B.

Virus of the pararickettsial group isolated from cows with granular vulvovaginitis. Rev. sci. med. 6 no.1/2:127-129 161.

(VULVOVAGINITIS virology) (RICKETTSIAL DISEASES veterinary)

SARATEANU, D.; SURDAN, C.; SORODOC, Gh.; FUHRER-ANAGNOSTE, B.

Isolation of an inframicrobe from a focus of ovine enzoctic abortion.
Stud. cercet. inframicrobiol. Bucur. 12 no.1:95-103 '61.

1. Comunicare przentata la Institutul de inframicrobiologie al Academiei R.P.R.

(ABORTION veterinary)

(SHEEP diseases)

(SALMONELLA INFECTIONS veterinary)

NASTAC, E.; FUHRER\_ANAGNOSTE, B.

Investigations concerning the action of several viruses on Ehrlich's ascitic carcinoma. I. The action of herpes virus and vaccinia virus. Stud. cercet. inframicrobiol. Bucur. 12 no.2:223-238 '61.

(NEOPLASMS experimental) (CARCINOMA experimental)

(HERPES virology) (VACCINIA virology)

NICOLAU, St.S. academician; SURDAN,,C.; SARATEANU, D.; ATHANASIU, P.;
FUHRER\_ANAGNOSTE, B.; in colaborare cu ILIESCU, C.; RADESCU, R.

Viral etiology in the field of cardiovascular diseases. I. Isolation of viruses from the blood of patients with cardiovascular diseases.

Stud. cercet. inframicrobiol. 12 no.3:275-283 '61.

(RAYNAUD'S DISEASE virology) (THROMBOANGIITIS OBLITERANS virology)

(MIOCARDIAL INFARCT virology) (MIYAGAWANELLA)

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820020-0"

SARATEANU, D.; SORODOC, G.; SURDAN, C.; FUHRER-AN-ANAGNOSTE, B.

Bevine ornithosic bronchopneumonia and the possibilities of human contamination. Stud. cercet. inframicrobiol. 12 no.3:353-358 '61.

1.Communicare przentala la Institutul de inframicrobiologie al Academiei R.P.R.

(ORNITHCSIS transmission) (CATTLE diseases)

(BRONCHOPNEUMONIA)

NASTAC, E.; FUHRE: LANAGNOSTE, B.; TARCHILA, D.

Experimental investigations of human leukemia. I. Attempted transmission to hybrid white mice, Stud. cercet. inframicrobiol. 12 no.3:259-362 '61.

(LEUKEMIA experimental)

# NASTAC, E.; FUHRER-ANAGNOSTE, B. Experimental investigation of marine leukemia. I. Encephalopathy transmissible to guinea pigs and rabbits by inoculation of leukemic products from Akm mice. Stud. cercet. inframicrobiol. 12 no.3: 363-366 '61. (LEUKEMIA experimental) (MENINGOENCEPHALITIS experimental)

SARATEANU, D.; SORODOC, G.; FUHRER\_ANAGNOSTE, B.; SURDAN, C.; NASTAC, E.;
LISSIEVICL\_OPRESCU, E.; in coloborare cu DUMA, D.; MARTA, M.;
ROMAN, Al.

Serological investigations of the incidence of anti-ornithosis antibodies in some species of mammals. Stud. cercet. inframicrobiol.

12:329-334 '61.

(CATTLE diseases) (SHEEP diseases)

(ORNITHOSIS immunology)

SARATEANU, D.; SURDAN, C.; SORODOC, G.; FUHRER-ANAGNOSTE, B.

Investigations on the incidence of ornithosis infections in bovines. Izv. migrobiol. inst. (Sofia) 13:143-147 '61.

(ORNITHOSIS veterinary) (CATTLE dis)

SARATEANU, D.; SURDAN, C.; SORODOC, G.; FUHRER-ANAGNOSTE, B.; in coloborare cu ROMAN, Al.; DUMA, D.; MARTA, M.

Investigations concerning the isolation and identification of some inframicrobes of the pararickettsial group from calves with enzootic bronchopneumonia. Stud. cercet. inframicrobiol. 12:323-328 Supplement '61.

(BRONCHOPNEUMONIA virology) (CATTLE disoasos)
(MIYGAWANELLA)

DRUCKER, A.; FUHRMANN, Coloman, ing.; GOMOIU, Alex.; CALUGAREANU, Ad. ang; SAVIDIS, C., ing.; TELEA, Gh.; BORCEA, N.; JOGAREANU, O.; RIZEA, Nicolae; DUMITRESCU, Gheorghe.

Present problems of labor output rates. Problems econ 17 no.5: 157-160 My '64.

1. Director, "Victoria"-Calan Plant (for Drucker). 2. Head of the Department of Labor Organization, "Victoria"-Calan Plant(for Fuhrmann). 3. Director, "Steaua Rosie" Plant, Bucharest (for Gomoiu). 4. Head of the Department of Production Organization, "Steaua Rosie" Plant, Bucharest (for Calugareanu). 5. Director, Medgidia Cement Works (for Savidis). 6. Head of the Department of Labor Organization, Medgidia Cement Works (for Telea). 7. Director, Enterprise of Electricity, Sibiu (for Borcea). 8. Head of the Department of Labor Organization, Enterprise of Electricity, Sibiu (for Jogareanu). 9. Director, "Carmen" State Industrial Enterprise, Bucharest (for Rizea). 10. Head of the Department of O.N.M., "Carmen" State Industrial Enterprise Bucharest (for Dumitrescu).

FOCSA, I., ing.; TAT, S., ing.; FUICREA, D., tehn.

Research organized for the determination of thermoresistant explosive manufacture formulas and the results obtained in experimenting with them in mines with high temperatures. Rev min 14 no.9:410-412 S 163.

FUISZ, J.

Work plans and silviculture. p. 212. (AZ ERDO, Budapest, Hungary), Vol. 3, No. 6, June 1951.

SO: Monthly list of Bast European Accessions, (ENAL), IC, Vol. 1, No. 5, Fav 1955, Uncl.

FUISZ, J.

Storing the seeds of white poplars. p. 37. (Az Erdo, Vol. 6, No. 1, Jan 1957, Budapest, Hungar.)

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FUISZ, Jozsef

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13 no.7:313-316 J1 '64.

1. Head, Seed Testing Station, Scientific Institute of Forestry,
Rackeve.

FUISZ, Jozsef, tudomanyos fomunkatars

State of seed testing in Hungary. Erdo 14 no.2:70-76 F '65.

1. Scientific Institute of Forestry, Rackeve.

CZECIKOSLUVAKIA

FUJINAGA, T., IZUTEU, K., INOUE, T.

Chemistry Institute, Faculty of Science, University of Kyoto, Sakyo-ku, Kyoto, Japan. (for all).

Prague, Collection of Csechoslovak Chemical Communications, No 12, December 1965, pp 4202-4209

"Studies on the use of electrochemical masking in the polarographic trace analysis."

(For the 75th birthday of Academician J. Heyrovsky).

APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820020-0

Testing results of the Mitschishi Demacki TE type engines and improvements performed on these engines. But techn deglelski 5: 72-80 Special issue 161.

FUKA, Ja. (!regue)

Limits of the Caratheodory theory. Col math 12 nt. 2:2:3-2:19 '6z.

3. Submitted February 15, 1963.

FUKA, Josef

Fysika pro jedenacty postupny rocnik. (Physics for the 11th Grade. 3d ed. illus., indexes) Authors: Vladimir Rudolf, Josef Fuka, Alois Rlavicka. Prague, SPN, 1957. 336 p.

Bibliograficky katalog, CSR, Ceske knihy, No. 33. 24 Sept 57. p. 709.

FUKA, J.; SIROKY, J.; KURAS, M.

"Ten years of universities and colleges in Olomouc; mathematics, physics, and chemistry." p. 5.

OLOMOUC, CZECHOSLOVAK REPUBLIC. VYSOKA SKOLA PEDAGOGICKA. SBORNIK. PRIRODNI VEDY. Olomouc, Czechoslovakia, No. 3, 1957.

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## "APPROVED FOR RELEASE: 06/13/2000

# CIA-RDP86-00513R000513820020-0

Fukt, J

CZECHOSLOVAKIA/General Section- Problems of Teaching.

A-5

Abs Jour

: Referat Zhur - Fizika, No 1, 1958, 75

Author

Fuka Josef

Inst

Title

: Systems of Units in the Teaching of Physics in School.

Orig Pub

: Prirod. vedy. skole, 1957, 7, No 1, 25-31

Abstract

: No abstract.

Card 1/1

# 4PPROVE<del>D FOR RE</del>LE<del>ASE:--06</del>/13/20<del>00---</del>-

Fuka. Iaroslav. Lösung der ersten Aufgabe der Elastizitätstheorie auf dem exzentrischen Ringe. Apl. Mat. 3 (1958), 45-66. (Czech. Russian and German sum-

The first boundary value problem of the excentric elastic ring is solved by representation of the excentric ring on the concentric ring by which a new boundary value problem is defined, which is then solved by the method of stress-functions expanded into Laurent series, developed by Mushelishvili. The connecting relations are established between the solutions and boundary conditions of the two problems on the basis of boundary conditions of the two problems, on the basis of which the existence and uniqueness of the solution of the excentric ring is demonstrated. d. M. Freudenthal (New York

MaI

Z/026/62/007/001/002/004 D235/D305

AUTHOR:

Fuka, Jaroslav

TITLE:

The second problem of the plane theory of elasticity

for incompressible bodies

PERIODICAL: Aplikace matematiky, v. 7, no. 1, 1962, 21-36

TEXT: The author refers to the formulation of the problem (Ref.1: J. Golecki, Archiwum mechaniki stosowanej, 1959, XI. 3, 279-302). A theorem of uniqueness of the solution is established and proved. From the definition of the second problem, it follows that it can be reduced to the first problem for compressible bodies by substitution, in the case of a simple connected body. The necessary and sufficient condition for the existence of a solution is found to be

$$\operatorname{Im} \int_{C} \overline{g(t)} dt = 0$$
 (5)

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The second problem of ...

where g(t) is the one defining the boundary condition. It is found that the sum of the stresses  $X_x + Y_y$  contains an arbitrary constant which (and consequently the hydrostatic pressure) can be defined so as to make the solution of the second problem for incompressible bodies to be the limit of the solution for compressible bodies with the same boundary condition. The author states that this result can be applied in hydrodynamics only in case of stationary flow; the hydrostatic pressure can then be determined in a natural way. There are 8 references; 6 Soviet-bloc and 2 non-Soviet-bloc. The reference to the English-language publication reads as follows: L. Ahlfors, Complex analysis, New York - Toronto - London, 1953.

SUBMITTED: February 7, 1961

Card 2/2

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35301 Z/026/62/007/003/001/003 D407/D301

AUTHOR:

Fuka, Jaroslav, Candidate of Sciences

TITLE:

Solving the second elasticity problem in an eccentric circular ring for an incompressible body

PERIODICAL:

Aplikace matematiky, v. 7, no. 3, 1962, 171-185

TEXT: The article derives explicit formulas for solving the second elasticity problem in an eccentric circular ring (i.e. at given displacement on the boundary of the circular ring) for a homogeneous, isotropic, incompressible body. The paper is based on previous articles of the author (Ref. 2: Aplikace matematiky, 1962, 7, 21-26) and Ref. 3: (Aplikace matematiky, 1958, 3, 45-66) lists some auxiliary assertions, and uses homographic representation to derive the necessary expressions. It starts with the solution of an infinite system of linear equations - holomorphic functions - representing a specific problem in a concentric circular ring, and transfers them to the given problem of an eccentric circular ring. Components of the stress tensor X<sub>K</sub>, Y<sub>y</sub> are determined with the

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Solving the second elasticity ...

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exception of that constant which physically represents the hydrostatic pressure. This constant, however, is determined according to Ref. 2 (Op cit) by a natural physical process in a way that the strain, given by solution of the second elasticity problem for  $\sigma = 1/2$ , is a limiting value of the strain for  $\sigma \to 1/2$  at equal boundary conditions.

ASSOCIATION:

Matematický ústav ČSAV (Mathematical Institute,

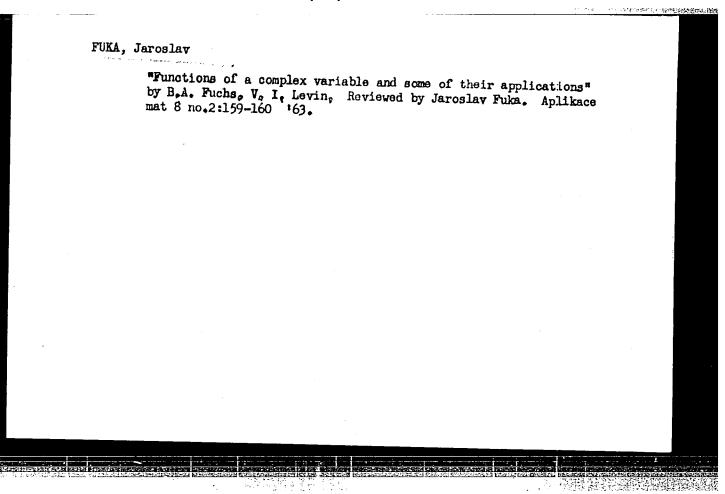
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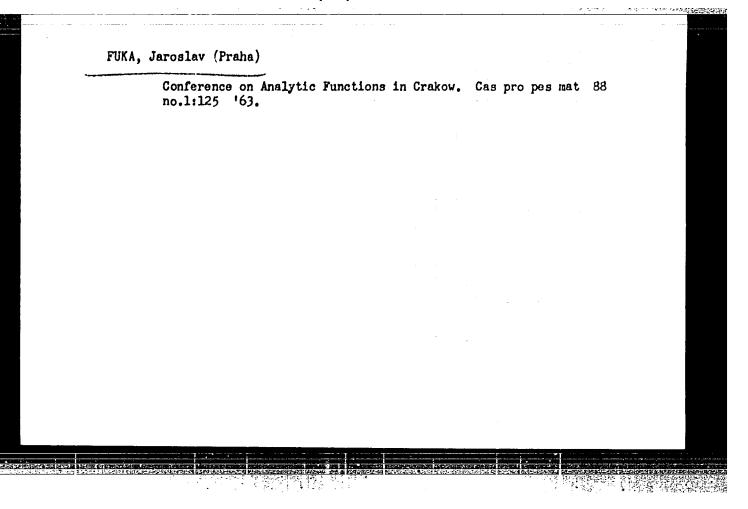
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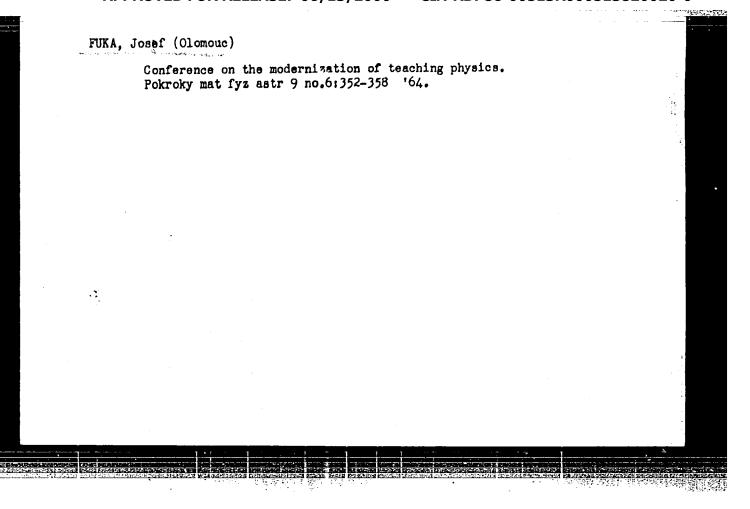
"Lectures on the theory of functions" by A. Dinghas. Reviewed by Jaroslav Puka. Aplikace mat 8 no.3:225-227 '63.



### FUKA, Jaroslav (presently in Moscow)

"Cluster sets" by Kiyoshi Noshiro. Reviewed by Jaroslav Fuka. Cas pro pest mat 88 no.4:495-497 '63.

"Quasi-conform reproductions" by Hans P. Kunzi. Reviewed by Jaroslav Fuka. Ibid.: 497-501



FUKA, Josef (Olomouo)

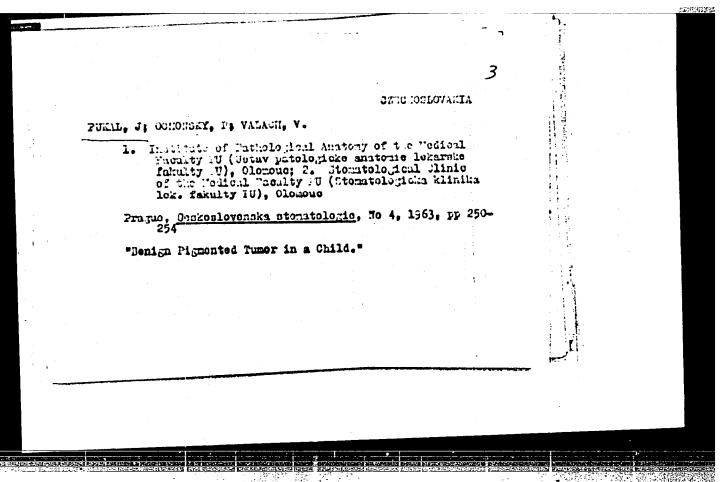
Modernization of toaching physics. Pokroky mat fyz str 10 no.1:
32-51 '65.

NEEESKY, Jaroslav, inz.; FUKA, Miroslav, inz.

Construction of a prestressed concrete tower. Inz stavby 6 no.3:119-122 Mr '58.

FUKAC, Milan, promovany matematik

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                                                Prednostove: Prim. Dr. B. Muller, prim. Dr. V. Loutocky, prim.
                                                  E. Vanecek.
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                                                                                                         sciatic nerve, giant case (Cs))
                                                                                   (MERVES, SCIATIC, neoplasms,
                                                                                                         neurilemmoma, giant case (Cs))
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FUKALA, E.; MORAVEC, J.

"Higher vegetable production on specialized collective farms." P. 143

VESTNIK. Praha, Czechoslovakia; Vol. 6, No. 3, 1959

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LISKA, Vladimir; FUKALA, Eugeniusz

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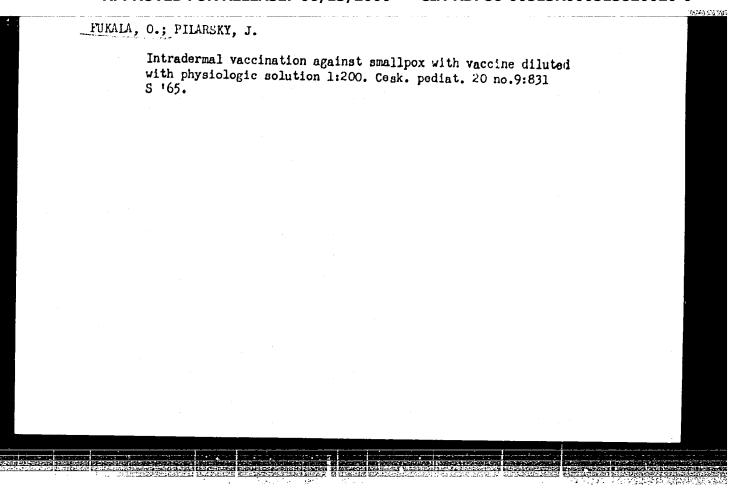
1. Chair of Technology o Plastics of the Higher School of Chemical Technology, Pardubice. Submitted October 19, 1963.

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FUKALOVA, L.A.

Effect of some nicotinic acid preparations on inflammation. Farm. i toks. 26 no.4:461-465 Jl-Ag\*63 (MIRA 17:4)

1. Kafedra farmakologii ( zav. -prof. Yu.S. Grosman ) Parmakogo meditsinskogo instituta.



FUKALOVA, P.P. (Moskva)

Comparison of hygienic aspects of drying apparatus used in the aniline dyeing industry. Gig. truda i prof. zav. 2 no.5:53-54 S-0 '58 (MRA 11:11)

1. Gorodskaya sanitarno-epidemiologicheskaya stanstsiya.

(DRYING APPARATUS-TEXTILE FABRICS-HYGIENIC ASPECTS)

L 35862-66 ENT(1) ACC NR. AP6022515 SOURCE CODE: UR/0391/66/000/007/0005/0009 AUTHOR: Fukalova. P. P. (Moscow); Tolgskaya, H. S. (Moscow); Nikogosyan, S. V. (Moscow); Kitsovskaya, I. A. (Moscow); Zenina, I. N. (Moscow) Institute of Industrial Hygiene and Occupational Diseases, AMN SSSR (Institut gigiyeny truda i profzabolevaniy AMN SSSR) TITLE: Research data on the standardization of EMF's in the short- and ultrashort-wave runges SOURCE: Gigiyena truda i professional'nyye zabolevaniya, no. 7, 1966, 5-9 TOPIC TAGS: microwave, microwave biologic effect, central nervous system, UHF, human physiology, animal physiology, animal experiment, industrial hygiene ABSTRACT: In a survey of radio and television stations and establishments which process dielectrics thermally, measurements using various dosimeters showed that field intensities around short- and ultrashort-wave sources were 8-450 v/m and 4-220 v/m, respectively. The reaction speed and accuracy were studied in personnel exposed to Card 1/4 UDC: 613.647

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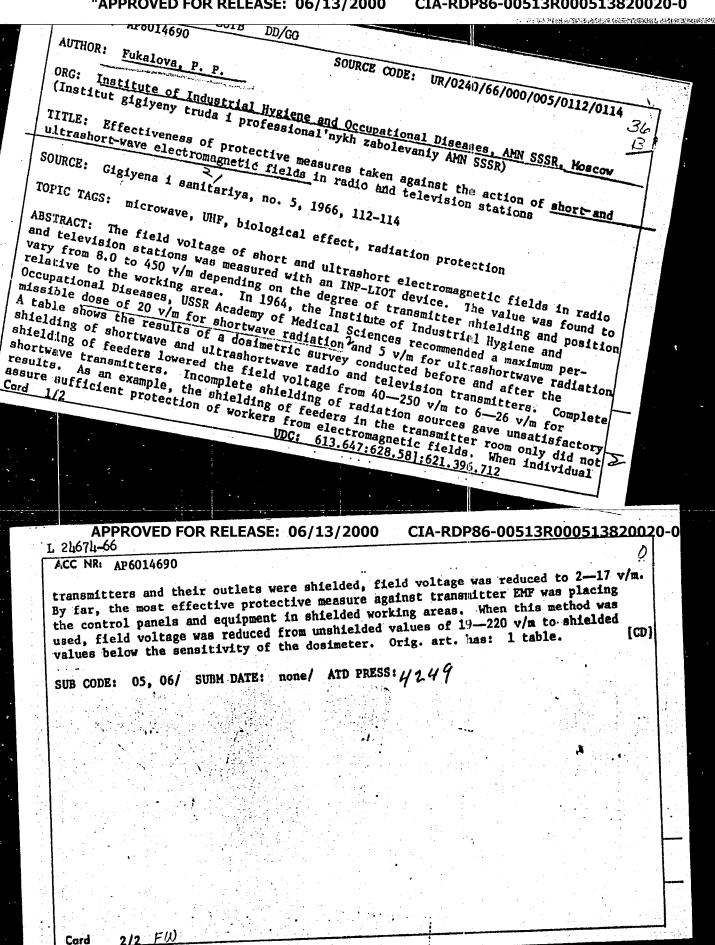
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and the development of fatigue. To study the mechanism of the effect of EMF's, animals were exposed to 14, 88, and 69.7 Mc fields (5000 y/m intensity). Animals in the ultrashort-wave range were midden within 5 min, while those in the shortwave range died in 1 hr and 40 min. Nonthermal (no integral thermal effect such as increased body temperature) threshold intensity for the ultrashort-wave range was 150 v/m and for the shortwave range, 2250 v/m. Chronic exposure to these intensities (plus exposure to an ultrashort-wave intensity of 300 v/m) did not result in any substantial changes in body weight dynamics compafed to control animals. However, a decrease in brain-stem cholinesterase activity occurred more rapidly during exposure to ultrashort waves than exposure to short waves. Both regimens decreased the excitability and weakened the inhibition process in chronically exposed rats. Such exposure also tended to depress brain biopotentials progressively. ultrashort-wave intensity of 10 v/m and shortwave intensity of less than 50 v/m is a subthreshold irritant. Photos show the results of a cytomorphological examination of neural structures in exposed animals which revealed thickening of neural fibers, swelling and vacuolization of cell protoplasm in the thalamo-hypothalamic area and medulla oblongata, and local karyocytolysis of individual neurons. Shriveling of individual pyramid cells and individual vacuoles in neurons of the brain cortex was noted. Thus, it was found that an ultrashort-wave intensity of 150 v/m and a shortwave intensity of 2250 v/m is more than

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# NIKONOVA, K. V.; FIIKALOVA, P. P. (Moskva)

Hygienic evaluation of the working conditions and the effectiveness of protective measures for the inductive heating of metal using lamp generators of high frequency. Gig. truda i prof. mab. no.3:8-13 62. (MIRA 15:4)

1. Institut gigiyeny truda i profzabolevaniy AMN SSSR.

(INDUCTION HEATING-HYGIENIC ASPECTS)

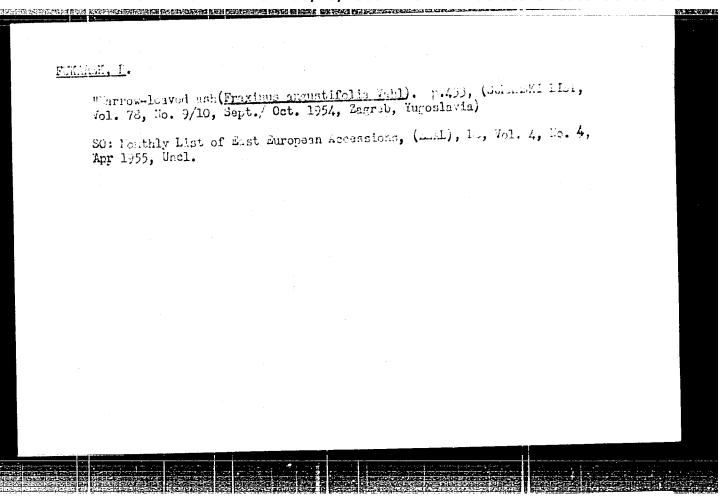
FUKALOVA, P.P. (Miskva)

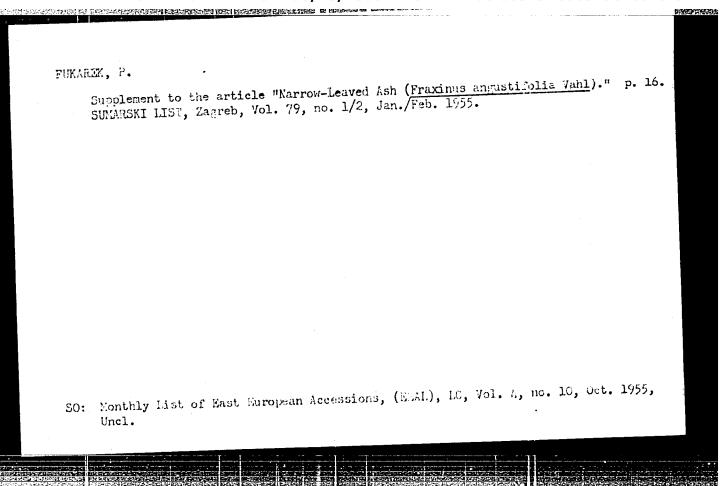
Hygienic evaluation of working conditions in thermal treatment of dielectrics by high-frequency units. Gig. truda i prof. zab. 7 no.3:3-7 Mr<sup>1</sup>63 (MIRA 17:1)

1. Institut gigiyeny truda i professional'nykh zabolevaniy ANN SSSR.

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FUKAREK, P.

Contribution to knowledge of forest associations in which the fieldæsh (Fraximus angustifolia Vahl) grows. p. 30

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SO: East European Accessions List, Vol 5, No. 10, Oct., 1956

FUKAREK, P.

Associations of mugho pine (Pinetum mughi Horvat) and some of their developmental tendencies in the Bosnia and Hercegovina mountains; a preliminary report. p. 31/3. (Socijalisticko Zemjodelstvo, Vol. 80, no. 11/12, Nov./Dec. 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

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for the Mediterranean Caverneo Regions. ORIG. PUB. : Nerouni sumer, 1957, 11, No. 7-9, 229-233

: No abstract. ARSTRACT

CARD: 1/1

TITLE

### APPROVED FOR RELEASE: 06/13/2000 CIA-RDP86-00513R000513820020-0

Country: YUGCSLAVIA

Category: Forestry. Dendrology.

Abs Jcur: RZhDiol., No 11, 1958, No 48719

Author : Fukarek, P. Inst

Title : New Data on the Narrowleaf Ash (Fraxinus angustifolia

Vahl).

Orig Pub: Sumarski list, 1957, 81, No 1-2, 30-35

Abstract: This is a report on a new habitat of F. angustifolia

in the Pannonskaya lowland. The conditions of growth and the composition of the plantings are briefly cha-

racterized.

Card : 1/1

### FUKAREK, P.

A document on the organization of forestry and the wood industry in Bosnia and Hercegovina from the time of the National Liberation War. p. 216.

NARODNI SUMAR. (Drustvo sumarskih inzenjema i tehnicara Bosne i Hercegovine) Sarajevo, Yugoslavia. Vol. 13, no. 1/4, 1959.

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Uncl.

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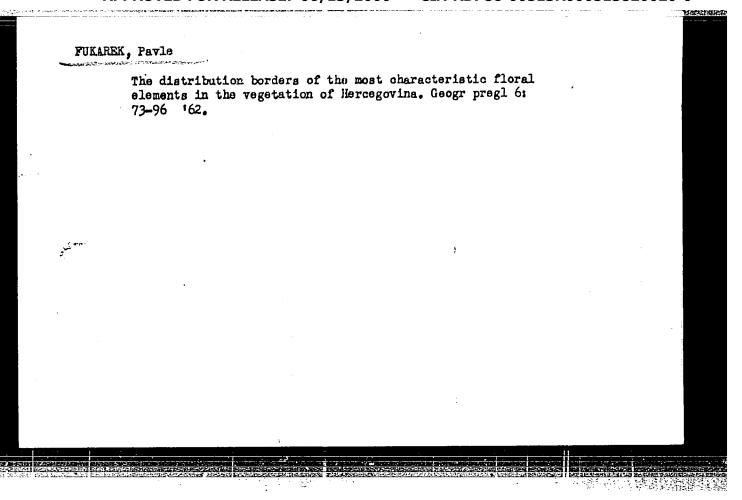
NARODNI SUMAR. (Drustvo sumars) ih inzenjera i tehnicara Bosne i Hercegovine) Sarajevo, Yugoslavia. Vol. 13, no. 5/6, 1959.

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Uncl.

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# Protection of nature in Yugoslavia. Okhr.prir.i zapov.delo v Saak no.4:121-125 '60. (MI.a 19:6) 1. Komissiya po okhrane prirody Instituta okhrany pamyatnikov prirody i kul'tury Marodnoy Hespubliki Bosmii i Gertsegoviny. (Yugoslavia---National parks and reserves)



FUKARAK, P. JAF'R, J.; MESTROVIC, S.; KLEPAC, D.; LNENICEK, Z.; ZMIJANAC, D.; SEVNIK, F.; ZAGAR, B.; MIKLAVZIC, J.; KNEZ, A.; PIPAN, R.; FUNKL, L.; SVETLICIC, A.; ZUMER, L.; KEVO, R.

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        Effect of benemid on PAS excretion; in a case of pulmonary
        tuberculosis with diabetes insipidus. Tuberkuloza, Beogr.
        8 no.2:106-109 Mar-Apr 56.
        1. Gradska poliklinika i Farmakoloski institut Medicinskog
        fakulteta Sarajevu.
             (TUBERCULOSIS, PULMONARY, compl.
                 diabetes insipidus, eff. of probenecid on PAS urine
                 excretion (Ser))
             (DIABETES INSIPIDUS, compl.
                 tuberc., pulm., eff. of probenecid on PAS urine
                 excretion (Ser))
             (PARA-AMINOSALICYLIC ACID, in urine
                 excretion inhib. by probenecid in pulm. tuberc. with
                 diabetes insipidus (Ser))
             (URINE,
                 PAS, excretion inhib. by probenecid in pulm. tuberc. with
                 diabetes insipidus (Ser))
             (PROBENECID, eff.
                 inhib. of PAS urine excretion in pulm. tuberc. with
                 diabetes insipidus (Ser))
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HUKOVIC, S .: FUKAREK, V .: STERN, P.
        Effect of the destruction of intestinal flora on the activity
        of ferments; trypsin lipase, diastasis and alkaline phosphatase.
        Med. arh., Sarajevo 10 no.2:11-14 Mar-Apr 56.
        1. Iz Farmakoloskog instituta Medicinskog fakulteta u Sarajevu.
             (BACTERIA
                 intestinal, eff. of antibiotic induced imbalance on
                 blood alkaline phosphatase, lipase & trypsin in rabbits (Ser))
             (ANTIBIOTICS, inj. eff.
                 intestinal bact. imbalance, eff. on blood alkaline
                 phosphatase, lipase & trypsin in rabbits (Ser))
             (INTESTINES, bacteriol.
                 intestinal imbalance induced by antibiotics, eff. on
                 blood alkaline phosphatase, lipase & trypsin in rabbits (Ser))
             (BLOOD
                 alkaline phosphatase, lipase & trypsin, eff. of antibiotic
                 induced intestinal bact. imbalance in rabbits (Ser))
             (PHOSPHATASE in blood
                 alkaline, eff. of antibiotic induced intestinal bact.
                 imbalance in rabbits (Ser))
             (LIPASES, in blood,
                 eff. of antibiotic induced intestinal bact. imbalance in
                 rabbits (Ser))
             (TRYPSIN, in blood
                 same)
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